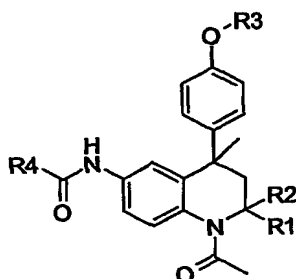


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**Claims**

1. A tetrahydroquinoline derivative according to Formula 1,



Formula I

- 5 or a pharmaceutically acceptable salt thereof, wherein  
 R<sup>1</sup> and R<sup>2</sup> are H, Me;  
 R<sup>3</sup> is (2-6C)heterocycloalkyl(1-4C)alkyl, (2-5C)heteroaryl(1-4C)alkyl,  
 (6C)aryl(1-4C)alkyl, (1-4C)(di)alkylaminocarbonylamino(2-4C)alkyl, (2-  
 6C)heterocycloalkylcarbonylamino(2-4C)alkyl, R<sup>5</sup>-(2-4C)alkyl or R<sup>5</sup>-carbonyl(1-  
 10 4C)alkyl;  
 R<sup>4</sup> is (2-5C)heteroaryl, (6C)aryl, (3-8C)cycloalkyl, (2-6C)heterocycloalkyl or (1-  
 6C)alkyl  
 R<sup>5</sup> is (di)(1-4C)alkylamino, (1-4C)alkoxy, amino, hydroxy, (6C)arylamino,  
 (di)(3-4C)alkenylamino, (2-5C)heteroaryl(1-4C)alkylamino, (6C)aryl(1-  
 15 4C)alkylamino, (di)[(1-4C)alkoxy(2-4C)alkyl]amino, (di)[(1-4C)alkylamino(2-  
 4C)alkyl]amino, (di)[amino(2-4C)alkyl]amino or (di)[hydroxy(2-  
 4C)alkyl]amino.  
 2. The derivative according to claim 1 wherein R<sup>3</sup> is (2-6C)heterocycloalkyl(1-  
 4C)alkyl, (2-5C)heteroaryl(1-4C)alkyl, (2-6C)heterocycloalkylcarbonylamino(2-  
 20 4C)alkyl, R<sup>5</sup>-(2-4C)alkyl or R<sup>5</sup>-carbonyl(1-4C)alkyl.  
 3. The derivative according to claims 1 or 2 wherein R<sup>5</sup> is (di)(1-4C)alkylamino,  
 amino, (di)(3-4C)alkenylamino, (2-5C)heteroaryl(1-4C)alkylamino or  
 (6C)aryl(1-4C)alkylamino  
 4. The derivative according to claims 1-3 wherein R<sup>5</sup> is (di)(1-4C)alkylamino or  
 25 amino.

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5. The derivative according to claims 1-4 wherein  $R^5$  is (di)(1-4C)alkylamino.
6. The derivative according to claims 1-5 wherein  $R^4$  is (6C)aryl.
7. The derivative according to claims 1-6 wherein  $R^3$  is (2-6C)heterocycloalkyl(1-4C)alkyl, (2-5C)heteroaryl(1-4C)alkyl or  $R^5$ -(2-4C)alkyl.
- 5 8. A pharmaceutical composition comprising the tetrahydroquinoline derivative of any one of claims 1-7 and pharmaceutically suitable auxiliaries.
9. The tetrahydroquinoline derivative of claims 1-7 for use in therapy.
10. Use of the tetrahydroquinoline derivative of any one of claims 1-7 or a pharmaceutically acceptable salt or solvate thereof for the manufacture of a  
10 medicament for fertility regulation.